

# ***DATA INPUT/OUTPUT DEVICE, MEMORY SYSTEM, DATA INPUT/OUTPUT AND DATA INPUT/OUTPUT METHOD***

## **Abstract of Disclosure**

When an output of data is switched from a memory to a memory controller, the memory controller takes in write data output from the memory, and outputs the write data taken in to a data bus. Subsequently, the memory controller outputs read data taken thereinto to the data bus, and then outputs write data of its own to the data bus.

## Figures